

Amended Claims

1-43. (Cancelled).

44. (NEW) A method for carrying out working steps on miniaturized modules in at least one work station arranged on a base unit by moving a carrier head of a module carrier relative to said work station, said method comprising:

enabling movement of said carrier head relative to a base element of said module carrier in at least three directions of at least three axis of movement, each axis allowing movement in a direction transverse to the other ones and said movement being provided by a respective positioning unit arranged between said carrier head and said base element; and

enabling movement of said base element relative to said base unit in a direction of at least one axis.

45. (NEW) A method in accordance with claim 44, wherein said base element is moveable relative to said base unit in at least two directions of at least two axis of movement, each axis allowing movement in a direction transverse to the other one.

46. (NEW) A method in accordance with claim 44, wherein said carrier head is moveable relative to said base element in a fourth direction of a fourth axis of movement.

47. (NEW) A method in accordance with claim 46, wherein said carrier head is moveable relative to said base element in a fifth direction of a fifth axis of movement.

48. (NEW) A method in accordance with claim 44, wherein said base element is moveable along arbitrary predefined paths relative to said base unit.

49. (NEW) A method in accordance with claim 44, wherein a plurality of module carriers is provided.

50. (NEW) A method in accordance with claim 44, wherein a plurality of work stations is provided.

51. (NEW) A method in accordance with claim 44, wherein a plurality of module carriers and a plurality of work stations is provided.

52. (NEW) A method in accordance with claim 51, wherein the plurality of module carriers cooperates simultaneously with respective ones of the plurality of work stations.

53. (NEW) A method in accordance with claim 44, wherein a module carrier is moved from one work station to another in a defined sequence.

54. (NEW) A method in accordance with claim 44, wherein the at least one work station is moveable relative to said base unit.

55. (NEW) A device for carrying out working steps on miniaturized modules in at least one work station arranged on a base unit, comprising:

    a module carrier having a carrier head and a base element;  
and

at least three positioning units for enabling movement of said carrier head relative to said base element, each of said positioning units enabling movement of said carrier head relative to said base element in a direction of a respective axis of movement, each axis allowing movement in a direction transverse to the other ones;

said base element being moveable relative to said base unit in at least one direction.

56. (NEW) A device in accordance with claim 55, wherein said base element is moveable relative to said base unit in at least two directions of at least two respective axis of movement, each axis allowing movement in a direction transverse to the other one.

57. (NEW) A device in accordance with claim 55, wherein the base element comprises a driver unit.

58. (NEW) A device in accordance with claim 55, wherein the carrier head is moveable relative to said base element in a fourth direction of a fourth axis of movement.

59. (NEW) A device in accordance with claim 58, wherein the carrier head is moveable relative to said base element in a fifth direction of a fifth axis of movement.

60. (NEW) A device in accordance with claim 55, wherein said base element is moveable along arbitrary predefined paths relative to said base unit.

61. (NEW) A device in accordance with claim 55, wherein a plurality of module carriers is provided.

62. (NEW) A device in accordance with claim 55, wherein a plurality of work stations is provided.

63. (NEW) A device in accordance with claim 55, wherein a plurality of module carriers and a plurality of work stations is provided.

64. (NEW) A device in accordance with claim 63, wherein the plurality of module carriers cooperates simultaneously with respective ones of the plurality of work stations.

65. (NEW) A device in accordance with claim 55, wherein a module carrier is moved from one work station to another in a defined sequence.

66. (NEW) A device in accordance with claim 55, wherein the at least one work station is moveable relative to said base unit.